

Under Overdriver — Multi Harmonic Booster/Overdriver

Owner's Manual

Thanks for choosing *Under Overdriver*. Please read this document to get the best use and joy of the one and only Multi Harmonic Booster/Overdriver in your neighbourhood.

External controls:

& Out:

Volume control, -20 to +15 dB. Start at 11 o'clock and from there turn clockwise to boost your amp or the pedals which are connected after *Under Overdriver*. NB: On high settings some distortion may occur—in this pedal or in what's connected next in line.

Under:

Bass control, +/- 7 dB at 100 Hz. Start around 12 o'clock (neutral) and adjust at your taste. Clockwise will give a bass boost. Counter clockwise will give a bass cut.

OUT:

Connect your amplifier here.

High:

3-way switch for the high frequencies (mid & treble). Start in the mid position (neutral). Left=+4 dB Treble boost/Right=+4 dB Mid boost.

Over:

Mid control +/- 7 dB/900 Hz. Start around 12 o'clock (neutral) and adjust at your taste. Clockwise will give a mid boost (hump). Counter clockwise will give a mid cut (scoop).

Low:

2-way switch for the low frequencies (bass). Start in the Right position (neutral). Left position gives a bass cut.

Gain:

Gain control, -20 to +15 dB. Start at 11 o'clock and from there turn clockwise to get a more dirty sound. On higher settings, in combination with the rest of the controls, the sound(s) may get quite wild.

5-18V DC

External DC adapter. Standard 2,1 mm barrel jack, 5-18 volt regulated DC with center-pin negative (BOSS standard).

The *Himmelstrutz* pedals are designed to be used with straight power cable plugs. Right angle plugs may not make a secure connection and are not recommended.



IN:

Connect your instrument here.

GIMME:

ON/OFF push switch*. True mechanical (not electronic) bypass. ON is indicated with a magical, blue LED.

* The push switch in *Under Overdriver* is not as stiff/evil as the ones you might be used to. If you're a girl who prefer to play without clothes and shoes this must be good news.

Under Overdriver tips & tricks:

It might take some time to get a grip about all possibilities in this pedal. We encourage you to try several different combinations of the outboard control settings as each will impart its own unique character on your tone. Also, try to adjust the volume control of your guitar and you will see how flexible and responsive *Under Overdriver* is. Why not also try a distortion box (Fetto!) before or after *Under Overdriver*! Our wish is that you'll like the *Under Overdriver* experience!

Every pedal is 100% handmade, tested and carefully adjusted by the original designer in Sweden. If you happen to remove the bottom plate and find a "Treble" trimmer inside, remember this parts is **not** meant to be adjusted by the user—because of functional/warranty reasons (as noted inside). The "Treble" trimmer is a Set & Forget thing. More information about *Under Overdriver*, and collaborating products, is available at www.himmelstrutz.com.

- Even though the power consumption is low (2-3 mA) the battery needs to be replaced when the LED gets weak or if the tone changes. To change the battery, unscrew the four screws on the bottom plate, bring out the old 9 volt battery (6LR61) and replace it with a new. Then attach the bottom plate with the four screws. Never use *Under Overdriver* without the bottom plate!
- If you play loud, always use ear protection. It's easy to forget, but in the long run not a good idea!
- Unplug the input cord when not using the pedal—if powered by a battery—to save the battery (and environment).
- Do your best to have fun, with ear protection if needed.

Good luck!

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www.himmelstrutz.com

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